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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: DATE et al

Serial No.: 10/046,694

Filed: January 17, 2002

For: Storage Medium, Recording Apparatus, Playback
Apparatus, Recording Method, And Computer
Readable Storage Medium

Group: 2615

Examiner:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98Mail Stop: DD
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 6, 2005

Sir:

In the matter of the above-identified application, applicant are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language abstract.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this

paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 500.37453CX4), and please credit any excess fees to such deposit account.

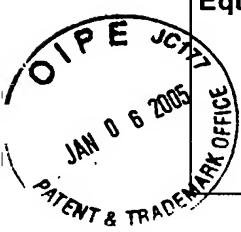
Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



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Attachments



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE Equivalent		ATTY. DKT. NO.	SERIAL NO.
		500.37453CX4	10/046,694
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT	
		DATE et al	
		FILING DATE	GROUP
		Jan. 17, 2002	2615

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

U.S. PATENT APPLICATIONS

	Publication Number	Name		Publication Date
AI				
AJ				
AK				
AL				

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	09-252450	9/97	Japan			Abstract	
AN							
AO							
AP							
AQ							

OTHER DOCUMENTS

AR	
AS	
AT	
Examiner	Date Considered